

AMENDMENTS TO THE TITLE

Please amend the title as follows:

Method and Device for Emulating Electronic Apparatus in a Mobile Server-
Stationary Client Configuration.

AMENDMENT TO THE SPECIFICATION

Please amend the Specification at page 7, starting at line 17 and ending at page 8, line 16:

Referring in particular to Figure 3 of the drawings, ~~method reference numeral 90~~ generally indicates a method of interfacing the access device 12 with the portable electronic device 14. The method 90 is typically implemented by software code and included in a computer program product including a medium readable by a processor e.g., a processor 21 of the PC 18. The method 90 is typically run on the PC 18, or any other access device 12, and detects when a portable electronic device 14 is within a wireless communication range (see step 92). When the portable electronic device 14 is detected, the method 90 communicates with the portable electronic device 14 to determine which one or more different types of electronic apparatus the portable electronic device 14 wishes to emulate. The portable electronic device 14 may thus define a virtual apparatus corresponding to the electronic apparatus and the method 90 may thus detect which particular virtual apparatus is emulated by the portable electronic device (as shown at step 94). For each particular apparatus which the method 90 detects that the portable electronic device 14 wishes to emulate, the method 90 checks whether or not the access device 12 has the processing capabilities to provide the appropriate user interface for the portable electronic device 14 (see step 96). In particular, as shown at step 98, the method 90 checks to see whether the access device 12 has the appropriate I/O capabilities to support the particular electronic apparatus. If the access device 12 is unable to support the particular electronic apparatus, the method proceeds to step 100 where the requirements of the next particular electronic apparatus are checked.

Please amend the Specification at page 10, starting at line 5 and ending at page 11,
line 6:

During each connection, data specific to the particular electronic apparatus may be exchanged. In certain embodiments, and dependent upon the nature of the access device 12, multiple electronic apparatus may be emulated simultaneously. Depending upon the specific type of electronic apparatus that the portable electronic device 14 emulates, a trust relationship may be established between the portable electronic device 14 and the access device 12. For example the portable electronic device 14 may include a connect filter which defines a control mechanism set up by, and under the control of, a user of the personal electronic device 14. In certain embodiments, once a trust relationship has been established between the access device 12 and the personal electronic device 14, the identity of the access device 12 will have been established in a reliable way. The identity may, for example, be described in terms of a textual string. For each apparatus that may be emulated by on the access device 12, there may be some restriction as to what access access device 12 can ~~access~~ have with a particular portable electronic device 14. For instance, emulation of a calculator is likely to have no restriction based on the access device 12, but a medical-data smart-card emulation may have access restricted to access-devices 12 owned by doctors and medical staff of a particular hospital or HMO. The connect filter may thus include a table that specifies the access rights of particular access devices 12, or a class of access device 12, relating to the various apparatus emulated by the personal electronic device 12. The portable electronic device 12 can then perform a simple look-up function to decide if a connection between an access device 12 and a particular emulated apparatus should be made.